Index of Claims

| Application/Control No. | Applicant(s)/Patent under Reexamination |         |  |  |  |  |  |  |  |
|-------------------------|---|---------|--|--|--|--|--|--|--|
| 10/724,654              | DELUCIA ET AL                           | <b></b> |  |  |  |  |  |  |  |
| Examiner                | Art Unit                                |         |  |  |  |  |  |  |  |

1712

| / | Rejected | 1 | (Through numeral)<br>Cancelled |
|---|----------|---|--------------------------------|
|   | Allowed  | + | Restricted                     |

| N | Non-Elected  | Α | Appeal   |
|---|--------------|---|----------|
| _ | Interference | 0 | Objected |

Kuo-Liang Peng

| Claim Date                                       |            |              |                 | ]::::    | Cla  | aim     | Date    |          |  |          |  |          |          | Cl              | Date     |          |         |         |   |                 |              |       |            |                 |                 |          |          |          |              |              |            |          |
|--|------------|--------------|-----------------|----------|--|---------|---------|----------|--|----------|--|----------|----------|-----------------|----------|----------|---------|---------|---|-----------------|--------------|-------|------------|-----------------|-----------------|----------|----------|----------|--------------|--------------|------------|----------|
|  |            | I            |                 |          |  |         | Т       |          |  |          |  | _        |          |                 |          |          |         | $\top$  |   | П               |              |       |            |                 |                 |          |          |          |              |              | П          |          |
| Final  | Original   | 7/18/06      |                 |          |  |         |         |          |  |          | Final  | Original | 7/18/06  | li              |          |          | ı       |         |   | Н               |              | Final | Original   |                 |                 |          |          |          |              | ŀ            |            | ıi       |
| iĒ   | Ĕ          | 718          |                 |          | 1  |         |         |          |  |          | i <u>Ē</u>                                       | Ĕ        | ١Ĕ       |                 |          |          |         |         |   |                 |              | Ë     | jr         |                 |                 |          |          |          |              |              |            |          |
|  | Ľ          | Ľ            |                 |          |  | _       |         |          |  |          |  |          | '`       |                 |          |          |         |         |   |                 |              |       | U          |                 |                 |          |          |          |              |              |            |          |
|  | 1          |              |                 |          |  |         |         |          | Т                                      | ]        |  | 51       | 1        |                 |          | П        |         | Т       | П   | П               |              |       | 101        |                 |                 | T        |          |          |              |              | $\Box$     | $\Box$   |
|  | 1          |              |                 |          |  |         |         |          |  | ]        |  | 52       |          |                 |          |          |         |         |   |                 | [            |       | 102        |                 |                 |          |          |          |              |              |            |          |
|  | 3          |              |                 |          |  |         |         |          |  | ]        |  | 53       | $\prod$  |                 |          |          |         |         |   |                 | [            |       | 103        |                 |                 |          |          |          |              |              | $\Box$     |          |
|  | 4          |              |                 |          |  |         |         |          |  |          |  | 54       | П        |                 |          |          |         |         |   | Ш               |              |       | 104        |                 |                 |          |          |          |              |              |            |          |
|  | 4          | L            |                 |          |  | $\bot$  | Т       |          |  | ]        |  | 55       | Ш        |                 |          |          |         |         |   |                 |              |       | 105        |                 |                 |          |          |          |              |              |            |          |
|  | đ          |              |                 |          |  |         | ᆚ       |          |  | <u> </u> |  | 56       | Ш        | $\Box$          |          |          | $\perp$ | $\perp$ |   | Ш               |              |       | 106        |                 |                 |          |          |          |              |              |            |          |
|  | 1          | <u> </u>     |                 |          | $\sqcup \bot$                                    | $\perp$ | $\perp$ |          | 丄                                      | ]        |  | 57       | Ш        | Ш               | $\perp$  | ┙        | $\perp$ |         | ┖   | Ш               |              |       | 107        |                 |                 |          |          |          |              |              |            |          |
|  | 8          | <u> </u>     |                 | L        | Ш  | $\perp$ | $\perp$ |          | $\perp$                                |          |  | 58       | Ш        | Ш               | $\perp$  | $\perp$  | $\perp$ | $\perp$ |   | Ш               |              |       | 108        |                 |                 |          |          |          |              |              | $\Box$     | Ш        |
|  | 4          | <u> </u>     |                 | L.       |  |         | $\perp$ | $\perp$  |  |          |  | 59       | Ш        | Ш               |          | $\perp$  | $\perp$ |         |   | Ш               |              |       | 109        |                 | Ш               |          |          |          |              |              |            |          |
|  | 10         | <u> </u>     |                 |          | $\sqcup$   | $\perp$ | $\perp$ | $\perp$  |  |          |  | 60       | Ш        | Ш               |          | $\perp$  |         |         |   | Ш               |              |       | 110        |                 |                 |          |          |          |              |              |            |          |
|  | 111        | <u> </u>     | oxdot           | <u> </u> | $\sqcup \bot$                                    | $\perp$ |         | $\perp$  | _                                      | J        |  | 61       | Щ        | Ш               | $\perp$  | $\perp$  |         |         | _   | Ш               |              |       | 111        |                 |                 |          |          |          |              |              | $\Box$     |          |
|  | 12         | <u> </u>     | L               | <u> </u> | $\sqcup$   | $\perp$ | _ _     |          | _                                      | 1        |  | 62       | Ш        | Ш               |          |          |         |         | _   | Ш               |              |       | 112        |                 |                 | $\Box$   |          |          | $oxed{oxed}$ | $oxed{oxed}$ |            | Ш        |
|  | 13         | L.           | <u> </u>        | <u> </u> | Ш  |         | 4       | _ _      | $\perp$                                | 1        | L  | 63       | Ш        | $\sqcup$        | [        | $\perp$  | _ _     | 1       | $\perp$   | Ш               |              |       | 113        |                 |                 | [        | ]        | ]        |              | oxdot        |            |          |
|  | 14         | oxdot        | Щ               | <u> </u> | $\sqcup$   | $\perp$ | $\perp$ | _Ļ       | _                                      | 4        | <u> </u>   | 64       | Ш        | Ш               | _[       | $\perp$  | $\perp$ | 4       |   | Ш               |              |       | 114        |                 |                 | [        | ]        |          |              |              |            |          |
| <u> </u>   | 15         | <u>L</u>     | <u> </u>        | <u> </u> |  | _       | 4       | $\perp$  | _                                      | 4        |  | 65       | Ш        | Ш               | $\bot$   | _        |         |         | ┕   | Ш               |              |       | 115        |                 |                 |          |          |          |              |              |            |          |
| <u> </u>   | 16         | oxdot        | <u> </u>        | <u> </u> | $\sqcup \bot$                                    |         | 4       |          | $\perp$                                | <b>_</b> | <u> </u>   | 66       | 1        | Ш               | $\perp$  |          |         | _       | $oldsymbol{\perp}$  | Ш               |              |       | 116        |                 | Ш               | [        |          |          |              | $oxed{oxed}$ | [          |          |
|  | 17         | L            | 匚               | 匚        |  |         | 4       |          | $oldsymbol{oldsymbol{\perp}}$          |          |  | 67       | 止        |                 |          |          |         |         | 1_  | Ш               |              |       | 117        |                 |                 |          | _        |          |              | Ш            |            | Ш        |
|  | 18         | _            | _               |          | Ц.   |         | _       |          |  | 1        |  | 68       | Щ        |                 | _        |          |         |         |   | Ш               |              |       | 118        |                 |                 |          |          |          |              |              |            |          |
|  | 19         | L            |                 | _        |  |         | ᆚ       |          |  |          |  | 69       | Щ        | Ш               |          |          |         | $\perp$ |   | Ш               |              |       | 119        |                 |                 |          |          |          |              |              |            | Ш        |
|  | 20<br>21   | L            |                 | _        | $\sqcup$   |         | 4       | _ـــ     | ــــــــــــــــــــــــــــــــــــــ |          | <u> </u>   | 70       | Ш        | Ш               | 4        | $\perp$  | _       | 4       | <u> </u>  |                 |              |       | 120        | Ш               |                 |          |          |          |              | $\Box$       | _          | Ш        |
|  | 21         | _            |                 | L        | $\sqcup$   |         | $\perp$ |          | _                                      |          |  | 71       | Щ        | Ш               | _        | _        | _       |         | <u> </u>  | Ш               |              |       | 121        |                 |                 |          | _        |          |              |              | $_{\perp}$ | Ш        |
|  | 22<br>23   |              | Ш               | <u> </u> |  |         | 4       |          | _                                      | 1        |  | 72       | Щ        | Ш               | _        | _        | _       |         | $\perp$   | Ш               |              |       | 122        |                 |                 |          | _        |          |              |              |            | Ш        |
|  | 23         | L            |                 | _        |  |         | 1       |          | ↓                                      |          |  | 73       | Щ        |                 | _        | 4        | _       |         | $oldsymbol{ol}}}}}}}}}}}}}}}}}$ | Ш               |              |       | 123        |                 |                 |          |          |          |              |              |            | Ш        |
|  | 24<br>25   |              |                 | _        |  | _       | 4       |          | 1_                                     |          |  | 74       | Ц        | Ш               | _        | 4        | _       | $\perp$ |   | Ш               |              |       | 124        |                 |                 | _        | _        |          |              |              |            |          |
|  | <b>4</b> 5 | $oxed{oxed}$ | L               |          | Щ.   | _       | 4       |          | 1_                                     |          |  | 75       | Щ        | Ш               | $\dashv$ | 4        | 4       |         |   | Ш               |              |       | 125        |                 |                 |          |          |          |              |              | _          |          |
|  | <b>2</b> 6 | _            |                 | _        |  |         | 4       | _        | _                                      |          |  | 76       | Ш        | Ш               | _        | 4        | _       | _       |   | Ц               |              |       | 126        |                 |                 | _        |          |          |              |              | _          |          |
|  | <b>2</b> 7 | <u> </u>     | Ш               | ldash    | $\vdash \vdash$                                  | _       | 4       | _ _      | 4_                                     |          |  | 77       | IJ,      |                 | _        | _        | _       | _       | $\perp$   | Ш               |              |       | 127        |                 |                 | _        | _        |          |              |              | $\dashv$   | _        |
|  | 28         | ļ            | <u> </u>        | _        | ⊢-   |         | -       | -        | ╁—                                     |          | <u> </u>   | 78       | V        | $\sqcup$        | _        | 4        |         | 4_      | 1   |                 |              |       | 128        | Ш               | Щ               | _        | _        |          |              |              | _          | _        |
| <u> </u>   | <b>1</b> 9 | _            | Щ               |          | $\vdash$   | +       | 4-      |          | ↓                                      |          |  | 79       | 1        | Ш               | -        | -        | +       | _       | -   | Ш               |              |       | 129        |                 |                 | _        | _        |          |              |              | _          |          |
|  | 30         | <u> </u>     |                 |          | $\vdash \vdash$                                  | +       | 4       |          | +                                      |          | ļ  | 80       | =        | Ш               | 4        | -        | +       |         | -   | Ш               |              |       | 130        | Ш               |                 | _        | _        |          |              |              | _          |          |
|  | 31         | ┡            |                 |          | $\vdash$   | +       | +       |          | ₩                                      |          |  | 81       | =        | Ш               | 4        |          | _       |         | 1   | Ш               |              |       | 131        | _               |                 |          |          |          |              |              | _          | _        |
|  | 32         | <u> </u>     | $\vdash$        |          | ⊢  | +       | +       |          | +                                      | 4        |  | 82       |          | Н               | -        | 4        |         | +-      | ╄-  |                 |              |       | 132        |                 |                 | _        |          |          |              | $\dashv$     | $\dashv$   | _        |
| <u> </u>   | 33         | <del> </del> | Н               | <u> </u> | $\vdash \vdash$                                  | +       | +       |          | +-                                     |          |  | 83       | _        | $\vdash$        | -        | -        | 4       | +       | -   | $\square$       |              |       | 133        | Ш               |                 |          | _        | _        | Щ            | _            | _          | $\dashv$ |
| <u> </u>   | 34<br>35   | -            | Н               | _        | $\vdash\vdash$                                   | +       | +       | - -      | +                                      |          |  | 84       | ļ        | $\vdash$        | $\dashv$ | +        | +       | +       | <b>├</b> ─  | Щ               |              |       | 134        |                 | $\vdash$        | _        | _        |          | $\Box$       |              |            |          |
| $\vdash$   |            | $\vdash$     | Н               | ├        |  | +       | +       |          | ╂                                      | 1        |  | 85       |          | Н               | $\dashv$ | +        | +       | ╂       | $\vdash$  | $\square$       |              |       | 135        | Ш               | $\vdash \vdash$ | _        | _        |          |              | $\dashv$     | -          | 4        |
| <del> </del>                                     | 86<br>87   | -            | $\vdash$        |          | $\vdash$   | +       | +       |          | +-                                     | 1        |  | 86       | <u> </u> |                 | $\dashv$ | +        | +       | +       | ٠.,   | $\sqcup$        |              |       | 136        | Ш               | $\sqcup$        |          | 4        | _        | ш            | _            |            | _        |
|  | B8         | $\vdash$     | $\vdash$        | _        | $\vdash$   | +       | +       |          | +-                                     | 1        |  | 87       | <u> </u> | $\vdash$        | +        | +        | +       | +       | ₽-  | Н               |              |       | 137        | $\vdash \vdash$ | $\vdash$        | 4        | _        | _        | Щ            |              |            | $\dashv$ |
|  | 89<br>89   | $\vdash$     | Н               |          | $\vdash$   | +       | +       | $\dashv$ | +                                      | ł        |  | 88       | ⊢        | $\vdash$        | -+       | +        | +       | +       | ┼   | H               |              |       | 138        | $\vdash$        | $\vdash$        |          | _        | _        |              |              |            | $\vdash$ |
| <del></del>                                      | 40         | $\vdash$     | $\vdash$        |          |  | +       | +       | +        | +                                      | ł        |  | 89       | $\vdash$ | $\vdash$        | -+       | +        | +       | +       | ╁╌  | H               |              |       | 139        | -               | $\vdash$        | $\dashv$ | _        | _        | -            |              |            | $\dashv$ |
| $\vdash$   | _          | $\vdash$     | Н               | _        | $\vdash \vdash$                                  | +       | +       | +        | +                                      | 1        | L  | 90       | $\vdash$ | ┞─┤             | -        | +        | +       | +       | +   | H               |              |       | 140        |                 | $\vdash$        | -        |          | _        | -            | $\dashv$     | -          | $\dashv$ |
| <u> </u>   | #1<br>#2   | -            | $\vdash$        |          | $\vdash$   | +       | +       | +        | +                                      |          |  | 91<br>92 | ├        | $\vdash \vdash$ | $\dashv$ | +        | +       | +       | +   | -               | ::::}        | -     | 141        |                 |                 |          | $\dashv$ | _        | $\dashv$     |              |            | $\dashv$ |
| <u> </u>   | 43         | Н            | $\vdash$        | _        | +  | +       | +       |          | +                                      |          | <u> </u>   | 93       | -        | $\vdash$        | +        | +        | +       | ╁       | $\vdash$  | $\vdash \vdash$ |              |       | 142        | $\dashv$        | $\vdash$        | -        | _        |          | -            |              |            | $\dashv$ |
| <u> </u>   | 44         | $\vdash$     | $\vdash$        |          |  | +       | +       | +        | +                                      | ł        |  | 94       | $\vdash$ | $\vdash \vdash$ | +        | +        | +       | +-      | $\vdash$  | H               |              |       | 143<br>144 | $\dashv$        | $\vdash$        | $\dashv$ | $\dashv$ |          | -            | -            | -          | $\dashv$ |
| <del>                                     </del> | 45         | $\vdash$     |                 |          | $\vdash$   | +       | +       | -+-      | +                                      | ł        | <del>                                     </del> | 95       | -        | ├─┤             | +        | $\dashv$ | +       | +       | $\vdash$  | H               | ::::         |       | 145        | $\vdash$        | $\vdash$        | -        | $\dashv$ | $\dashv$ |              |              |            | $\dashv$ |
|  | I'E        | H            | $\vdash \vdash$ |          | +  | +       | +       | +        | +-                                     |          |  | 96       | ┝        | ┝╌┤             | +        | +        | +       | +       | Н   | $\vdash \dashv$ | ::::         |       | 145        | $\vdash$        | $\dashv$        | -        | -        |          |              |              |            | $\dashv$ |
|  | ‡6<br>‡7   | Н            | $\vdash$        |          | -  | +       | ╁       | +        | +                                      |          |  | 97       | $\vdash$ | ┝┥              | $\dashv$ | +        | +       | ╁       | $\vdash$  | $\vdash \dashv$ | •            |       |            | $\vdash$        | $\dashv$        |          |          |          | -            |              |            | $\dashv$ |
| $\vdash$   | 48         | Н            | $\vdash$        |          |  | +       | +       | +        | $\vdash$                               | ł        |  | 98       | $\vdash$ | $\vdash \vdash$ | -+       | +        | -       | +       | $\vdash$  | $\vdash \dashv$ | <b>:::: </b> |       | 147<br>148 |                 |                 | $\dashv$ | $\dashv$ | -        | $\dashv$     |              | $\dashv$   | $\dashv$ |
| $\vdash$   | 49         | $\vdash$     | $\vdash$        |          |  | +       | +       | +        | $\vdash$                               | ł        |  | 99       | $\vdash$ | $\vdash$        | +        | +        |         | +       | $\vdash$  | Н               |              |       |            | $\dashv$        | $\vdash$        | $\dashv$ | $\dashv$ | -        |              | $\dashv$     | $\dashv$   | $\dashv$ |
| $\vdash$   | 50         | 1            | $\vdash$        | _        | <del>                                     </del> | +       | +       | +        | +-                                     | liiil    | -  | 100      | -        | $\vdash \dashv$ | +        | +        | +       | +-      | Н   | H               | -            |       | 149<br>150 | $\dashv$        |                 |          | {        |          | $\dashv$     |              | -+         | $\dashv$ |
|  |            |              |                 |          | ш.   | L_      |         |          |  |          |  | 100      | L        | ı L             | - 1      | - 1      | - 1     |         |   | 1 (3            | ::::         |       | 100        |                 |                 | - 1      | - 1      | - 1      | - 1          | - 1          | - 1        | . 1      |